FORM PTC:1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

05-720-US1

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/559979

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US2004/018969 14 June 2004 (14.06.04) 13 June 2003 (13.06.03) TITLE OF INVENTION SIxSNyGE1-x-y AND RELATED ALLOY HETEROSTRUCTURES BASED ON SI, GE AND SN APPLICANT(S) FOR DO/EO/US John KOUVETAKIS; Matthew BAUER; John TOLLE Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 1. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3. (9) and (24) indicated below. The US has been elected (Article 31). 4. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) 5. is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). a. 🔲 have been communicated by the International Bureau. **c**. ⊠ have not been made; however, the time limit for making such amendments has NOT expired. d. □ have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). A copy of the International Preliminary Examination Report (PCT/IPEA/409). 11. A copy of the International Search Report (PCT/ISA/210). 12. Items 13 to 23 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 13. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. 16. 17. A substitute specification. 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. \boxtimes 20. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

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U.S. APPLICATION NO (if known, see 37 CFR 15) INTERNATIONAL APPLICATION NO. PCT/IIS2004/018969				ICATION NO.	ATTORNEY'S DOCKET NUMBER					
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sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						·				
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND	ALL CORRESPONDENCE TO:		•	Lyy	Me				
		•		SIGNATURE					
	ER, David S. DNNELL BOEHNEN HULBEI	OT & DEDC	THATE LID	David S. Harper					
	uth Wacker Drive, Suite 3100	KI & DENG	HOFF LLF	NAME					
	go, IL 60606			42,636					
US				REGISTRATION NUMBER					
Phone:	: (312) 913-0001			08 December 2005					
	312) 913-0002			DATE					
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